1AP7 Nec'd PCT/PTO 28 APR 2006.

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SURMISSION LINDER 35 U.S.C. 37

ATTORNEY'S DOCKET NUMBER HERR 22.535

	CERNING A SUBMISSIC	U.S. APPHICATION NO. TH KIDWO SEE 37 CFR 1.5)						
	IONAL APPLICATION NO. 2003/000554	INTERNATIONAL FILING DATE 28 OCTOBER 2003 (28.10.03)	PRIORITY DATE CLAIMED					
TITLE OF INVENTION THERMAL SENSOR								
APPLICAN	APPLICANT(S) FOR DO/EO/US							
KAWANAKA, Hiroshi Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. 🗵 T								
2. 🗖 т	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. 🗵 T	The US has been elected (Article 31).							
5. 🗵	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))						
	a. is attached hereto (required	only if not communicated by the Internation	al Bureau).					
	b. X has been communicated by	the International Bureau.						
	c. is not required, as the applie	cation was filed in the United States Receivi	ng Office (RO/US).					
6.	An English language translation of the	e International Application as filed (35 U.S.C	. 371(c)(2)).					
	a. is attached hereto.							
	b. has been previously submit	tted under 35 U.S.C. 154(d)(4).						
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated	by the International Bureau.						
	c. have not been made; how	ever, the time limit for making such amendm	nents has NOT expired.					
	d. An have not been made and v	will not be made.						
8. 🔲	An English language translation of the	ne amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).					
9.	An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).						
10. 🛚	An English language translation of th Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT					
Items	11 to 20 below concern document(s	e) or information included:						
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.						
12. 🔲	An assignment document for recording	ng. A separate cover sheet in compliance wi	th 37 CFR 3.28 and 3.31 is included.					
13. 🗵	A preliminary amendment.							
14.	An Application Data Sheet under 37	CFR 1.76.						
15.	A substitute specification.							
16.	A power of attorney and/or change of	f address letter.						
17.	A computer-readable form of the seq	uence listing in accordance with PCT Rule	3ter.2 and 37 CFR 1.821- 1.825.					
18.	A second copy of the published Inter-	national Application under 35 U.S.C. 154(d)	(4).					
19.	A second copy of the English langua	ge translation of the international application	under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICA	U/5//	8821.5	PCT/ES200		HERR 22.5	
	items or information 2005/0412		priority claim			
The foll	owing fees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. 🗙 Bas	ic national fee (37	CFR 1.492(a))		\$300	\$ 300.00	
22. 🗙 Exam	nination fee (37 CI	R 1.492(c))				
by IPEA	nion prepared by IS /US indicates all cl ns	\$ 200.00				
If the written opin IPEA/US Search fee (37 C International Sea previously	rch fee (37 CFR 1. nion of the ISA/US i indicates all claim FR 1.445(a)(2)) his onal Searching Au arch Report prepar y communicated to is	s 400.00				
	TOTAL OF 21, 22	2 and 23 =		· · · · · · · · · · · · · · · · · · ·	900.00	· { - ····
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets	•	Number of each additional 50 or fraction RA thereof (round up to a whole number)			
10 - 100 =	0 /50 =			x \$250	\$ O	<u> </u>
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$ 130.00	
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims	10	- 20 =	0	x \$50	\$ O	į
Independent clai	ms 1	- 3 =	0	x \$200	\$ O	
MULTIPLE DEPI	ENDENT CLAIM(S	\$				
		\$ 1,030.00				
X Applicant cla	ims small entity st	\$515.00				
SUBTOTAL =					\$515.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$	
TOTAL NATIONAL FEE =					\$ 515.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$	
		\$ 515.00				
					Amount to be refunded:	\$
					Amount to be charged	\$

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a. 🗀	A check in the amount of \$	to cover the above	fees is enclo	sed.			
ь. 🗵		n the amount of \$ $\frac{5}{2}$	15.00	to cover the above fees.			
c. 🔀	The Commissioner is hereby authorized to charge any account No. 50-1290 A duplicate copy of this sheet		n may be requ	uired, or credit any overpayment to Deposit			
d. 🔲	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
CUSTO KATTE 575 Ma New Y	ALL CORRESPONDENCE TO: OMER NUMBER 026304 EN MUCHIN ZAVIS ROSENMAN adison Avenue 'ork, New York 10022-2585 940-8800 / fax (212) 940-8986		NAME 23,072	Helfgott $ u$			
(Rece	by Express Mail eipt No. EV732744786US) pril 28, 2006 uant to 37 C.F.R. 1.10.						